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**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(only for new nonprovisional applications under 37 CFR 1.53(b))

U.S.PTO	Attorney Docket No.	END-5043
	First Inventor	T. Douglas Mast et al.
	Title	METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND
	Express Mail Label No.	ER 593 030 200 US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.

3. Specification [Total Pages 26]
(Preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings *(if filed)*
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 USC 113) [Total Sheets 9]

5. Oath or Declaration [Total Pages 3]

- a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

i. **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

- Continuation Divisional Continuation-in-Part (CIP) of prior application No.: 10/153,241 filed May 22, 2002, which claims priority to US Provisional Application Serial Number 60/294,135 filed May 29, 2001.

Prior application information: Examiner Francis J. Jaworski Group Art Unit: 3737

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 000027777 or Correspondence Address below

Name: Philip S. Johnson, Esq.
Address: Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, NJ 08933-7003 USA

20. TELEPHONE CONTACT

Please direct all telephone calls or telefaxes to Verne E. Kreger, Jr. at:

Telephone: (513) 337-3295 Fax:(513) 337-8489

21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME	Verne E. Kreger, Jr.	Reg. No. 35,231
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SIGNATURE	<i>Verne E. Kreger Jr.</i>
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DATE	December 11, 2003
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FEE TRANSMITTAL		<i>Complete if Known</i>	
		Application Number	
		Filing Date	December 12, 2003
		First Named Inventor	T. Douglas Mast et al.
		Group Art Unit	Not assigned
		Examiner Name	Not assigned
		Attorney Docket Number	END 5043

FEE CALCULATION**CLAIMS AS FILED**

(1)	(2)	(3)	(4)	(5)
FOR:	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$770.00
TOTAL CLAIMS	21 - 20 =	1	x 18.00	\$ 18.00
INDEPENDENT CLAIMS	5 - 3 =	2	x 86.00	\$172.00
MULTIPLE DEPENDENT CLAIMS	<input type="checkbox"/>	N/A	\$280.00	
			TOTAL FEES	\$ 960.00

METHOD OF PAYMENT

- Please charge Deposit Account No. 10-0750/END 5043/VEK in the amount of \$960.00.
- The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this communication, or credit any overpayment, to Account No. 10-0750/5043/VEK. Three copies of this sheet are enclosed.

SUBMITTED BY:			<i>Complete (if applicable)</i>
Typed or Printed Name	Verne E. Kreger, Jr.		Reg. No. 35,231
Signature		Date: December 11, 2003	Deposit Account No. 10-0750